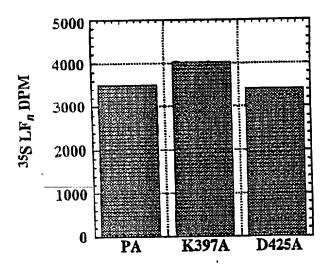


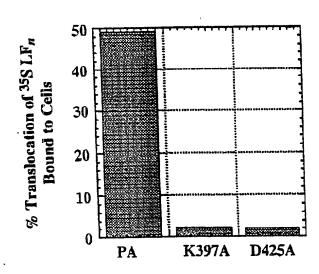
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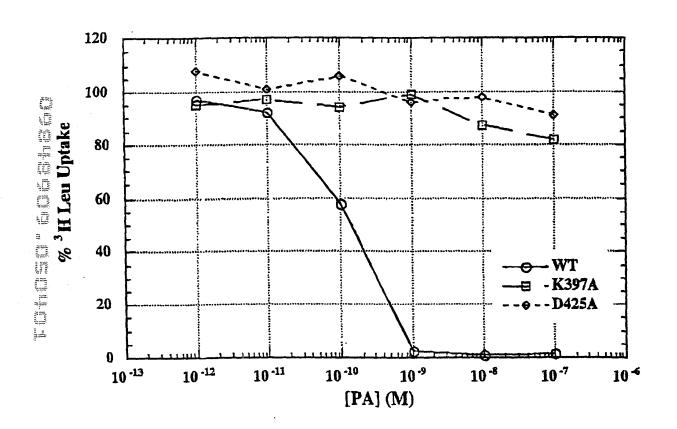
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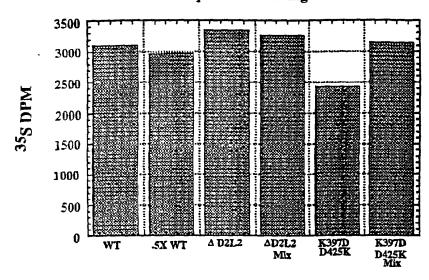
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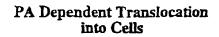
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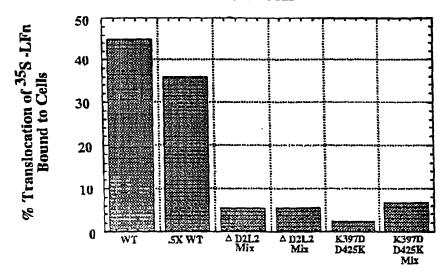


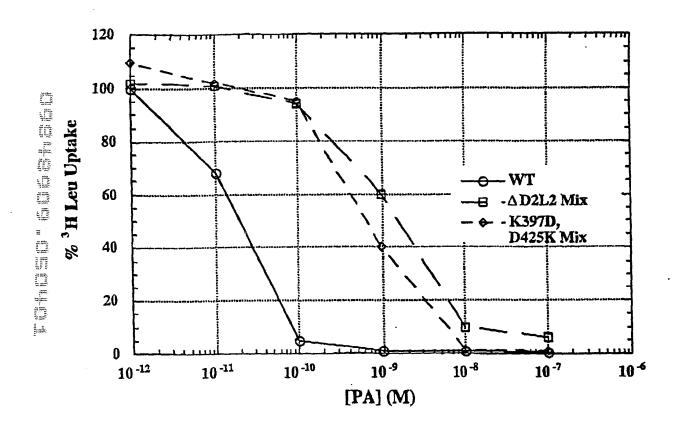


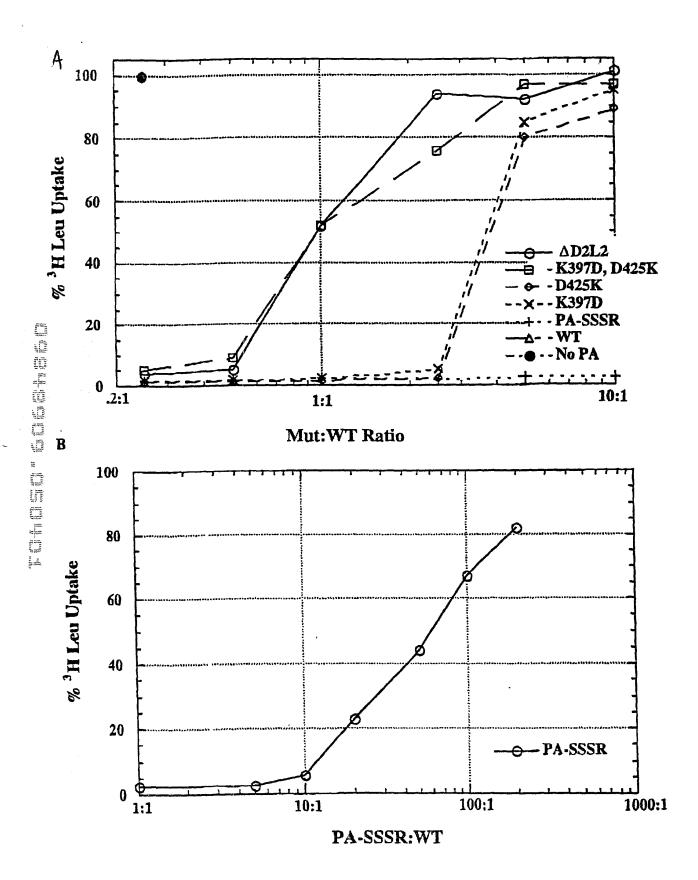
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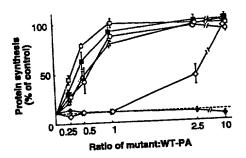


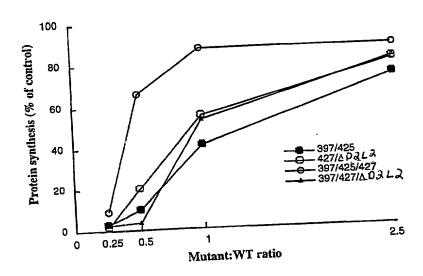


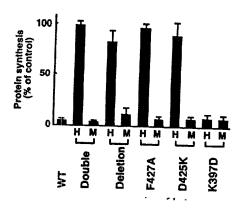












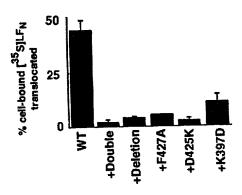


Figure 13: SEQ ID No.: 21

EVKQENRLLNESESSSQGLLGYYFSDLNFQAPMVVTSSTTGDLSIPSSELENIPSEN QYFQSAIWSGFIKVKKSDEYTFA

TSADNHVTMWVDDQEVINKASNSNKIRLEKGRLYQIKIQYQRENPTEKGLDFKL YWTDSQNKKEVISSDNLQLPELKQKS

 ${\tt SNSRKKRSTSAGPTVPDRDNDGIPDSLEVEGYTVDVKNKRTFLSPWISNIHEKKGLTKYKSSPEKWSTASDPYSDFEKVT}$

GRIDKNVSPEARHPLVAAYPIVHVDMENIILSKNEDQSTQNTDSETRTISKNTSTS RTHTSEVHGNAEVHASFFDIGGSV

SAGFSNSNSSTVAIDHSLSLAGERTWAETMGLNTADTARLNANIRYVNTGTAPIY NVLPTTSLVLGKNQTLATIKAKENQ

LSQILAPNNYYPSKNLAPIALNAQDDFSSTPITMNYNQFLELEKTKQLRLDTDQV YGNIATYNFENGRVRVDTGSNWSEV

LPQIQETTARIIFNGKDLNLVERRIAAVNPSDPLETTKPDMTLKEALKIAFGFNEPN GNLQYQGKDITEFDFNFDQQTSQ

NIKNQLAELNATNIYTVLDKIKLNAKMNILIRDKRFHYDRNNIAVGADESVVKEA HREVINSSTEGLLLNIDKDIRKILS

GYIVEIEDTEGLKEVINDRYDMLNISSLRQDGKTFIDFKKYNDKLPLYISNPNYKV NVYAVTKENTIINPSENGDTSTNG

IKKILIFSKKGYEIGZ

Figure 14: SEQ ID No.: 22

GAAGTTAAACAGGAGAACCGGTTATTAAATGAATCAGAATCAAGTTCCCAGG GGTTACTAGGATACTATTTTAGTGATTT

GAATTTTCAAGCACCCATGGTGGTTACCTCTTCTACTACAGGGGATTTATCTA TTCCTAGTTCTGAGTTAGAAAATATTC

CATCGGAAAACCAATATTTTCAATCTGCTATTTGGTCAGGATTTATCAAAGTT AAGAAGAGTGAATATACATTTGCT

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TGTACTGGACCGATTCTCAAAATAAAAAAGAAGTGATTTCTAGTGATAACTT ACAATTGCCAGAATTAAAACAAAAATCT

TCGAACTCAAGAAAAAGCGAAGTACAAGTGCTGGACCTACGGTTCCAGACC GTGACAATGATGGAATCCCTGATTCATT

AAGGATTAACCAAATATAAATCATCTCCTGAAAAATGGAGCACGGCTTCTGA TCCGTACAGTGATTTCGAAAAGGTTACA

GGACGGATTGATAAGAATGTATCACCAGAGGCAAGACACCCCCTTGTGGCAG CTTATCCGATTGTACATGTAGATATGGA

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CTACAAGTAGGACACATACTAGTGAAGTACATGGAAATGCAGAAGTGCATGCGTCGTTCTTTGATATTGGTGGGAGTGTA

TCTGCAGGATTTAGTAATTCGAATTCAAGTACGGTCGCAATTGATCATTCACT ATCTCTAGCAGGGGAAAGAACTTGGGC

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CAGTTCTACTCCAATTACAATGAATTACAATCAATTTCTTGAGTTAGAAAAAA CGAAACAATTAAGATTAGATACGGATC

AAGTATATGGGAATATAGCAACATACAATTTTGAAAATGGAAGAGTGAGGGT GGATACAGGCTCGAACTGGAGTGAAGTG

TTACCGCAAATTCAAGAAACAACTGCACGTATCATTTTAATGGAAAAGATTT AAATCTGGTAGAAAGGCGGATAGCGGC

GGTTAATCCTAGTGATCCATTAGAAACGACTAAACCGGATATGACATTAAAA GAAGCCCTTAAAATAGCATTTGGATTTA

ACGAACCGAATGGAAACTTACAATATCAAGGGAAAGACATAACCGAATTTG ATTTTAATTTCGATCAACAACATCTCAA

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Figure 14 continued

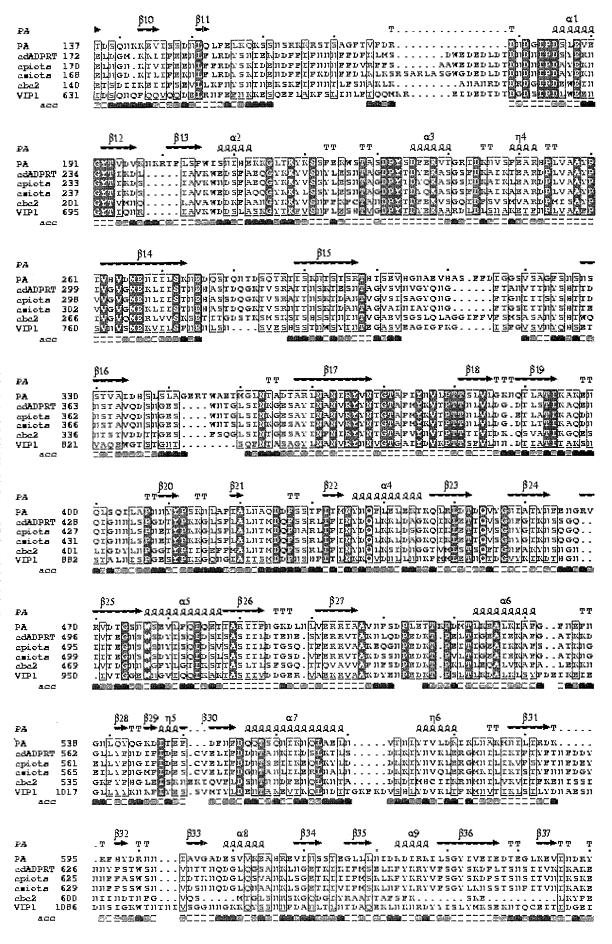
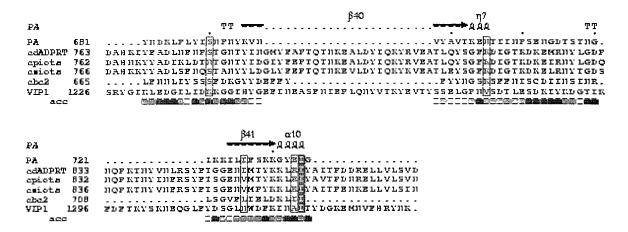


Figure 15 continued



PA	Figure 16
PA edADPRT epiota ebiota ebe2 VIP1	MKRMEGK LPMVSKKLQVVTKT VLLSTVPSI SLLINBEVIK ABQLIIINSQ SKYTIILQIILKITD KVEDP KBDK
PA PA cdADPRT cpicts cmicts cbc2 VIP1	ekakemgkekekemkliatekgkmunpldukudikinykeitp siagspede indlkeidkmpdkiulsu
PA PA cdADPRT cpiots csiots chcZ VIP1	SIITYKN VEFTT IGPNKSLTEGNTINSDAMAQPKEQPLDRDIKPDSYLDTHLTAQQVSSKERVILKVIVP
PA PA cdADPRT cpiota csiota cbc2 VIP1	sgrgstt ftragvi linnsbykklid ngymv bydk vskyvkkgv bolot bgt lkk5 ld fkiid inaba h swg
PA cdADPRO	MKNYEEWAKDLI DSQREALDGYARQDYKEI NNY LENQGG SGNE KLDAQIKNI SDALGKKF I FENII VYRW
PA cdADPR cdADPR cpiota cpiota viP1	CGMFEPGYQISDFLFS LKDPEEQFLHIIKEDKGYMSISLSSER LAAPGSRKI ILRLQVFKGSIGAY LSAI
PA cdADPRT cpicts cmicts cbc2 VIP1	L MRIQMRHKKV LSFLT LTAI VSQALVYPVYAQTSTSHB MRIQIKHVFSFLT LTAM ISQTLSYHVYAQTITQHD MRHIQIKHVESFLT LTAM ISQTLSYHVYAQTITQHY MRHALT LGLLTCTVLVGQMMTYFVYAKTITQHY MLVSKP GGFASEKEILLD KDSKYHDKVTEVIIKGVKRYVVDAT LLTHSRGFST FFTF SFSTFFTFSD IGST MKTH
PA PA cdADPRT cpiots csiots cbc2 VIP1	\$1 \$2 \$1 \$2 \$1 \$3 \$3 \$2 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3
PA PA edADPRT epiota cwiota cbc2 VIP1	BO BO TO THE TEST BE BY THE BOTT BE BY THE BOTT BY BY THE BOTT BY BY BY BOTT BY

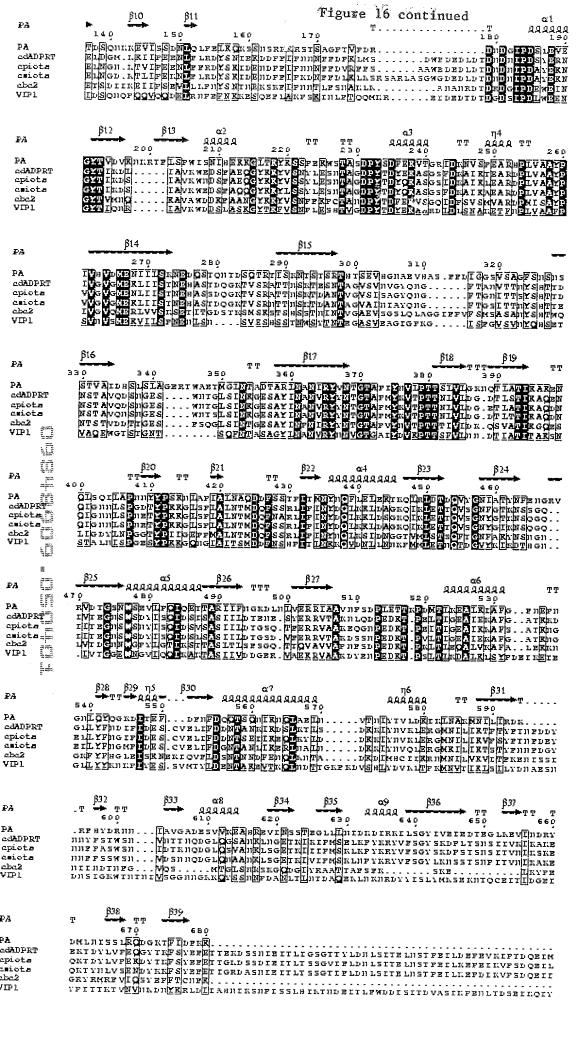


Figure 16 continued

cbc2 VIP1